

Application No. 09/975,047

RXSD 1020-1

In the claims:

This listing of claims will replace all prior versions and listings of claims in the application:

- 1 1. (Currently Amended) A method of testing the hearing of a user utilizing a
2 computer system, the computer system including a computer and a speaker, the computer
3 operable to output an electrical signal to the speaker, the speaker operable to convert the
4 electrical signal into a stimulus, the method comprising:
 - 5 a) downloading a computer program from a server to the computer;
 - 6 b) executing the computer program on the computer, the execution of the
7 computer program generating an audio stream;
 - 8 c) based upon the audio stream, generating a stimulus; and
 - 9 d) receiving an input from the user that indicates if the user heard the stimulus.
- 1 2. (Original) The method of claim 1, wherein the computer program includes an audio
2 parameter and wherein the audio stream is generated based upon the audio parameter.
- 1 3. (Original) The method of claim 1, wherein the act of downloading the computer
2 program includes transferring the computer program from the server to the computer via
3 the Internet.
- 1 4. (Original) The method of claim 1, wherein the act of downloading the computer
2 program includes transferring the computer program from the server to the computer via
3 an email.
- 1 5. (Original) The method of claim 1, wherein the act of downloading the program from
2 a server includes downloading an audio parameter that indicates at least one frequency of
3 the stimulus.

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1 6. (Original) The method of claim 1, wherein the act of downloading the program from
2 a server includes downloading an audio parameter that indicates at least one amplitude of
3 the stimulus.

1 7. (Original) The method of claim 1, wherein the act of downloading the program from
2 a server includes downloading an audio parameter that indicates at least one type of the
3 stimulus.

1 8. (Original) The method of claim 1, wherein the act of downloading the program from
2 a server includes downloading an audio parameter that indicates that two stimulus types
3 should be combined to generate the stimulus.

1 9. (Original) The method of claim 1, wherein the act of downloading the program from
2 a server includes downloading an audio parameter that indicates that the program should
3 determine which stimulus should be presented in the test.

1 10. (Original) The method of claim 1, wherein the act of generating a stimulus includes
2 generating a stimulus within a user-defined frequency range.

1 11. (Original) The method of claim 1, further including:
2 a) sending first data to the server;
3 b) qualifying the hearing of the user; and
4 c) sending second data to the computer.

1 12. (Currently Amended) A method of testing the hearing of a user utilizing a
2 computer system, the computer system including a computer and a speaker, the computer
3 operable to output an electrical signal to the speaker, the speaker operable to convert the
4 electrical signal into a stimulus, the method comprising:
5 a) downloading a computer program from a server to the computer;
6 b) executing the computer program on the computer, the execution of the
7 computer program generating an audio stream;

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- 8 c) based upon the audio stream, the computer program causing generation of
9 generating a stimulus by supplying the audio stream to the speaker; and
10 d) receiving an input from the user that indicates to the computer program that if
11 the user heard the stimulus.

1 13. (Original) The method of claim 12, wherein the act of downloading the computer
2 program includes transferring the computer program from the server to the computer via
3 the Internet.

1 14. (Original) The method of claim 12, wherein the act of downloading the computer
2 program includes transferring the computer program from the server to the computer via
3 an email

1 15. (Original) The method of claim 12, wherein the act of generating a stimulus includes
2 generating a first stimulus having a first frequency and a second stimulus having a second
3 frequency.

1 16. (Original) The method of claim 12, wherein the act of generating a stimulus includes
2 generating a first stimulus having a first amplitude and a second stimulus having a second
3 amplitude.

1 17. (Original) The method of claim 12, wherein the act of generating a stimulus includes
2 generating a first stimulus having a first type and a second stimulus having a second
3 type. 18. The method of claim 12, further including:

- 4 a) sending first data to the server;
5 b) qualifying the hearing of the user; and
6 c) sending second data to the computer.

1 19. (Original) A program storage device that contains computer readable instructions
2 that, when executed by a computer system, tests the hearing of a user by:
3 a) generating an audio stream based upon an audio parameter;

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- 4 b) based upon the audio stream, generating a stimulus;
- 5 c) receiving an input from a user that indicates that the user heard the stimulus;
- 6 d) sending first data to a server; and
- 7 e) receiving second data from the server.

1 20. (Original) The program storage device of claim 19, wherein the audio parameter
2 indicates the frequency of the stimulus.

1 21. (Original) The program storage device of claim 19, wherein the audio parameter
2 indicates the amplitude of the stimulus.

1 22. (Original) The program storage device of claim 19, wherein the audio parameter
2 indicates the type of the stimulus.

1 23. (Original) The program storage device of claim 19, wherein the audio parameter
2 indicates that two stimulus types should be combined to generate the stimulus.

1 24. (Original) The program storage device of claim 19, wherein the act of generating the
2 stimulus includes generating a stimulus within a user-defined frequency range.

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